

JAN 09 2008

Atty.	Att#	Client Ref.
Bollman	20-526	20-526
Applicant: ZHU		
Appn. No.: 10/724,773		
Filing Date: December 2, 2003		
Examiner: NGUYEN	Group Art Unit: 2617	

Date: January 3, 2008

Page 1 of 11

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**
**U.S. PATENT DOCUMENTS**

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
/DN/	AR	1103073	7-1914	O'Connell			
	BR	4494119	7-1985	Wimbush			
	CR	4651156	3-1987	Martinez			
	DR	4706275	11-1987	Hamil			
	ER	4891638	1-1990	Davis			
	FR	4891650	1-1990	Sheffer			
	GR	4952928	8-1990	Carroll et al.			
	HR	5014206	5-1991	Scribner et al.			
	IR	5043736	8-1991	Garnell et al.			
	JR	5055851	10-1991	Sheffer			
	KR	5068656	11-1991	Sutherland			
	LR	5068891	11-1991	Marshall			
	MR	5070329	12-1991	Jasinski			
/DN/	NR	5081667	1-1992	Omri et al.			

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClas s	English	Translation
								Enclosed	No.
	OR								
	PR								
	QR								
	RR								
	SR								
	TR								
	UR								
	VR								

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

/DN/	WR	Intrado Inc., Qwest Detailed SR/ALI to MPC/GMLC Interface Specification for TCP/IP Implementation of TIA/EIA/J-STD-036 E2 with Phase I Location Description Addition, Intrado Informed Response; April 2004; Issue 1.11; pp. 1-57.				
	XR					
	YR					
	ZR					
	AAR					
	BBR					

Examiner /David Nguyen/ (02/18/2008) Date Considered: 02/18/2008

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.	MB	Client Ref.
Bolman	20-526	20-526
Applicant: ZHU		
Appn. No.: 10/724,773		
Filing Date: December 2, 2003		
Examiner: NGUYEN	Group Art Unit: 2617	

Date: January 3, 2008

Page **2** of **11****U.S. PATENT DOCUMENTS**

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
/DN/	AR	5119104	6-1992	Heller			
	BR	5144283	9-1992	Arens et al.			
	CR	5161180	11-1992	Chavous			
	DR	5177478	1-1993	Wygai et al			
	ER	5193215	3-1993	Olmer			
	FR	5208756	5-1993	Song			
	GR	5214789	5-1993	George			
	HR	5218367	6-1993	Shaffer et al.			
	IR	5223844	6-1993	Massell et al.			
	JR	5239570	8-1993	Koster			
	KR	5265630	11-1993	Hartmann			
	LR	5266944	11-1993	Carroll et al.			
	MR	5289527	2-1994	Tiedemann, Jr.			
/DN/	NR	5293642	3-1994	Lo			

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClas s	English		Translation	
								Enclosed	No	Enclosed	No
	OR										
	PR										
	QR										
	RR										
	SR										
	TR										
	UR										
	VR										

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

	WR										
	XR										
	YR										
	ZR										
	AAR										
	BBR										

Examiner /David Nguyen/ (02/18/2008)

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449				To: U.S. Department of Commerce		Atty.	MS	Client Ref.				
						Bollman	20-526	20-526				
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>						Applicant: ZHU						
Date: January 3, 2008				Page <b>3</b> of <b>11</b>			Appln. No.: 10/724,773					
						Filing Date: December 2, 2003						
						Examiner: NGUYEN	Group Art Unit: 2617					
<b>U.S. PATENT DOCUMENTS</b>												
Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)			Class	SubClass	Filing Date (if appropriate)			
/DN/	AR	5299132	3 - 1994	Wortham								
	BR	5325302	6 - 1994	Tzidon et al.								
	CR	5334974	8 - 1994	Simms et al.								
	DR	5343493	8 - 1994	Karimullah								
	ER	5347568	9 - 1994	Mandy et al.								
	FR	5361212	11 - 1994	Class et al.								
	GR	5363425	11 - 1994	Mufti et al.								
	HR	5374936	12 - 1994	Feng								
	IR	5379451	1 - 1995	Nakagoshi et al.								
	JR	5381338	1 - 1995	Wysotski et al.								
	KR	5387993	2 - 1995	Heller et al.								
	LR	5388147	2 - 1995	Grimes								
	MR	5390339	2 - 1995	Bruckert et al.								
/DN/	NR	5394158	2 - 1995	Chia								
<b>FOREIGN PATENT DOCUMENTS</b>								English		Translation		
		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClas s		Enclosed	No	Enclosed	No
	OR											
	PR											
	QR											
	RR											
	SR											
	TR											
	UR											
	VR											
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)												
	WR											
	XR											
	YR											
	ZR											
	AAR											
	BBR											

Examiner	/David Nguyen/ (02/18/2008)	Date Considered:	02/18/2008
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

Atty.	M#	Client Ref.
Bollman	20-526	20-526
Applicant:	ZHU	
Appln. No.:	10/724,773	
Filing Date:	December 2, 2003	
Examiner:	NGUYEN	Group Art Unit: 2617

Date: January 3, 2008

Page 4 of 11

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

### U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
/DN/	AR	5396227	3 - 1995	Carroll et al.			
	BR	5398190	3 - 1995	Wortham			
	CR	5406614	4 - 1995	Hara			
	DR	5418537	5 - 1995	Bird			
	ER	5423076	6 - 1995	Westergren et al.			
	FR	5432841	7 - 1995	Rimer			
	GR	5434789	7 - 1995	Fraker et al.			
	HR	5454024	9 - 1995	Lebowitz			
3/6/08	IR	5461390	10 - 1995	Hosher			
	JR	5470233	11 - 1995	Fruchterman et al.			
	KR	5479408	12 - 1995	Will			
	LR	5479482	12 - 1995	Grimes			
	MR	5485161	1 - 1996	Vaughn			
/DN/	NR	5485163	1 - 1996	Singer et al.			

### FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClas s	English	Translation
								Enclosed	No
	OR								
	PR								
	QR								
	RR								
	SR								
	TR								
	UR								
	VR								

### OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR							
XR							
YR							
ZR							
AAR							
BBR							

Examiner /David Nguyen/ (02/18/2008)

Date Considered: 02/18/2008

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

Date: January 3, 2008

Page 5 of 11

Atty.	M#	Client Ref.
Bollman	20-526	20-526
Applicant: ZHU		
Appn. No.: 10/724,773		
Filing Date: December 2, 2003		
Examiner: NGUYEN	Group Art Unit: 2617	

## U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
/DN/	AR	5488563	1- 1996	Chazelle et al.			
	BR	5494091	2- 1996	Freeman et al.			
	CR	5497149	3- 1996	Fast			
	DR	5508931	4- 1996	Snider			
	ER	5513243	4- 1996	Kage			
	FR	5515287	5- 1996	Wakayama et al.			
	GR	5519403	5- 1996	Bickley et al.			
	HR	5532690	7- 1996	Hertel			
	IR	5535434	7- 1996	Siddaway et al.			
	JR	5539398	7- 1996	Hall et al.			
	KR	5543776	8- 1996	L'Esperance et al.			
	LR	5552772	9- 1996	Jankey et al.			
	MR	5555286	9- 1996	Tendler			
/DN/	NR	5568119	10- 1996	Schipper et al.			

## FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClas s	English		Translation	
								Enclosed	No	Enclosed	No
	OR										
	PR										
	QR										
	RR										
	SR										
	TR										
	UR										
	VR										

## OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR				
XR				
YR				
ZR				
AAR				
BBR				

Examiner /David Nguyen/ (02/18/2008)

Date Considered: 02/18/2008

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.	M#	Client Ref.
Bollman	20-526	20-526
Applicant:	ZHU	
Appln. No.:	10/724,773	
Filing Date:	December 2, 2003	
Examiner:	NGUYEN	Group Art Unit: 2617

Date: January 3, 2008

Page 6 of 11

## U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
/DN/	AR	5574648	11-1996	Pilley			
	BR	5579372	11-1996	Astman			
	CR	5588009	12-1996	Will			
	DR	5592535	1-1997	Klutz			
	ER	5604486	2-1997	Lauco et al.			
	FR	5606313	2-1997	Allen et al.			
	GR	5606850	3-1997	Nakamura			
	HR	5610815	3-1997	Gudat et al.			
	IR	5614890	3-1997	Fox			
	JR	5615116	3-1997	Gudat et al.			
	KR	5621793	4-1997	Bednarek et al.			
	LR	5628051	5-1997	Salin			
	MR	5633912	5-1997	Tsoi			
/DN/	NR	5682600	10-1997	Salin			

## FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClas s	English		Translation	
								Enclosed	No	Enclosed	No
	OR										
	PR										
	QR										
	RR										
	SR										
	TR										
	UR										
	VR										

## OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	WR										
	XR										
	YR										
	ZR										
	AAR										
	BBR										

Examiner /David Nguyen/ (02/18/2008)

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.	M#	Client Ref.
Bolman	20-526	20-526
Applicant: ZHU		
Appn. No.: 10/724,773		
Filing Date: December 2, 2003		
Examiner: NGUYEN	Group Art Unit: 2617	

Date: January 3, 2008

Page 7 of 11

## U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (If appropriate)
/DN/ AR	5740534	4-1998	Ayerst et al.			
	5761618	6-1998	Lynch et al.			
	5767795	6-1998	Schepherdt			
	5768509	6-1998	Gunluk			
	5774533	6-1998	Patel			
	5787357	7-1998	Salin			
	5794142	8-1998	Vantilla et al.			
	5797094	8-1998	Hauda et al.			
	5797096	8-1998	Lupien et al.			
	5802492	9-1998	DeLorme et al.			
	5806000	9-1998	Vo et al.			
	5822700	10-1998	Hult et al.			
	5828740	10-1998	Kluc et al.			
/DN/ NR	5920821	7-1999	Seazholtz et al.			

## FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClas s	English	Translation
								Enclosed	No.
	OR								
	PR								
	QR								
	RR								
	SR								
	TR								
	UR								
	VR								

## OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR				
XR				
YR				
ZR				
AAR				
BBR				

Examiner /David Nguyen/ (02/18/2008)

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.	M#	Client Ref.
Ballman	20-526	20-526
Applicant:	ZHU	
Appn. No.:	10/724,773	
Filing Date:	December 2, 2003	
Examiner:	NGUYEN	Group Art Unit: 2617

Date: January 3, 2008

Page 8 of 11

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

### U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
/DN/ AR	5930701	1 - 1999	Steag			
	BR	5943399	8 - 1999	Bannister et al.		
	CR	5946630	8 - 1999	Williams et al.		
	DR	5950130	9 - 1999	Caucsey		
	ER	5953398	9 - 1999	Hill		
	FR	5974054	10 - 1999	Coutts et al.		
	GR	5978685	11 - 1999	Laiho		
	HR	5987323	11 - 1999	Hustari		
	IR	5998111	12 - 1999	Abe		
	JR	6035025	3 - 2000	Hanson		
	KR	6049710	4 - 2000	Milsson		
	LR	6058300	5 - 2000	Hanson		
	MR	6064875	5 - 2000	Manger		
/DN/ NR	6070067	3 - 2000	Nguyen et al.			

### FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClas s	English		Translation	
							Enclosed	No	Enclosed	No
OR										
PR										
QR										
RR										
SR										
TR										
UR										
VR										

### OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR									
XR									
YR									
ZR									
AAR									
BBR									

Examiner /David Nguyen/ (02/18/2008)

Date Considered: 02/18/2008

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.	MS#	Client Ref.
Bollman	20-526	20-526
Applicant:	ZHU	
Appln. No.:	10/724,773	
Filing Date:	December 2, 2003	
Examiner:	NGUYEN	Group Art Unit: 2617

Date: January 3, 2008

Page 9 of 11

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

### U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
/DN/ AR	6075982	6-2000	Donovan et al.			
	6081508	6-2000	West et al.			
	6101378	8-2000	Barabash et al.			
	6122503	9-2000	Daly			
	6122520	9-2000	Want et al.			
	6148197	11-2000	Bridges et al.			
	6148198	11-2000	Anderson et al.			
	6149353	11-2000	Nilsson			
	6169891	1-2001	Gorham et al.			
	6173181	1-2001	Lash			
	6181935	1-2001	Grossman et al.			
	6188752	2-2001	Lesley			
	6198431	3-2001	Gibson			
/DN/ NR	6199045	3-2001	Granger et al.			

### FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClas s	English		Translation	
								Enclosed	No	Enclosed	No
	OR										
	PR										
	QR										
	RR										
	SR										
	TR										
	UR										
	VR										

### OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	WR										
	XR										
	YR										
	ZR										
	AAR										
	BBR										

Examiner /David Nguyen/ (02/18/2008)

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.	MS	Client Ref.
Bollman	20-526	20-526
Applicant:	ZHU	
Appln. No.:	10/724,773	
Filing Date:	December 2, 2003	
Examiner:	NGUYEN	Group Art Unit: 2617

Date: January 3, 2008

Page 10 of 11

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

## U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
/DN/	AR	6208854	3- 2001	Roberts et al.			
	BR	6223046	4- 2001	Hamill-Kreys et al.			
	CR	6226529	5- 2001	Brum et al.			
	DR	6249680	6- 2001	Wak et al.			
	ER	6249744	6- 2001	Marita			
	FR	6266614	7- 2001	Alumbaugh			
	GR	6289373	9- 2001	Dezenne			
	HR	6317594	11- 2001	Grossman et al.			
	IR	6321091	11- 2001	Holland			
	JR	6327479	12- 2001	Mikkola			
	KR	6456852	9- 2002	Bar et al.			
	LR	6584307	6- 2003	Antonacci et al.			
	MR	6650901	11- 2003	Schuster et al.			
/DN/	NR	6678357	1- 2004	Stumer et al.			

## FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClas s	English		Translation	
								Enclosed	No	Enclosed	No
	OR										
	PR										
	QR										
	RR										
	SR										
	TR										
	UR										
	VR										

## OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	WR										
	XR										
	YR										
	ZR										
	AAR										
	BBR										

Examiner /David Nguyen/ (02/18/2008)

Date Considered: 02/18/2008

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.	M#	Client Ref.
Bollman	20-526	20-526
Applicant: ZHU		
Appln. No.: 10/724,773		
Filing Date: December 2, 2003		
Examiner: NGUYEN	Group Art Unit: 2617	

Date: January 3, 2008

Page 11 of 11

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

### U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
/DN/ AR	6744856	6-2004	Karnik et al.			
	BR	6771742	8-2004	McCalmon et al.		
	CR	6779049	9-2004	Zellner et al.		
	DR	6799049	9-2004	Zellner et al.		
	ER	6912545	6-2005	Lundy et al.		
	FR	6940950	9-2005	Dickinson et al.		
	GR	6963557	11-2005	Knox		
	HR	20030016804	1-2003	Sheha et al.		
	IR	20030137961	7-2003	Tsitsis et al.		
/DN/ JR	20040132465	7-2004	Mattila et al.			
	KR					
	LR					
	MR					
	NR					

### FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClas s	English		Translation	
								Enclosed	No	Enclosed	No
/DN/ OR	PCTUS0146668										
/DN/ PR	PCTUS9928848										
	QR										
	RR										
	SR										
	TR										
	UR										
	VR										

### OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR			
XR			
YR			
ZR			
AAR			
BBR			

Examiner /David Nguyen/ (02/18/2008)

Date Considered:

02/18/2008

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.